

Comparisons of Job Characteristics

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 48

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	13.9	10.9	<<	Extensive education and/or training may be required
Design	5.2	8.3	6.5	<	Expanded education and/or training may be required
Public Safety and Security	6.9	8.3	7.3	<	Expanded education and/or training may be required
Chemistry	4.8	6.5	5.0	<	Expanded education and/or training may be required
Building and Construction	4.0	5.4	2.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 30

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Quality Control Analysis	5.9	11.4	8.2	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	9.1	5.5	<<	Extensive development of skills in this area may be required
Installation	1.7	8.1	1.0	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	7.3	3.6	<<	Extensive development of skills in this area may be required

Equipment Maintenance	3.5	7.1	4.1	<<	Extensive development of skills in this area may be required
Repairing	3.4	7.1	4.1	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 58			
Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011) Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Visualization	7.5	12.0	8.1	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	11.4	7.0	<<	Extensive improvement in abilities may be required
Far Vision	7.8	10.5	7.2	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	9.8	3.4	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	9.1	6.0	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	9.0	5.5	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	7.1	2.2	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.0	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 52
Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011) Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)		
Work Activities	Exclusivity of Activity	
Examine products or work to verify conformance to specifications	15	
Read blueprints	10	
Read technical drawings	7	
Read work order, instructions, formulas, or processing charts	9	
Understand technical operating, service or repair manuals	6	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 55

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Associated Occupation: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Face and head protection	7
Safety apparel	4
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.